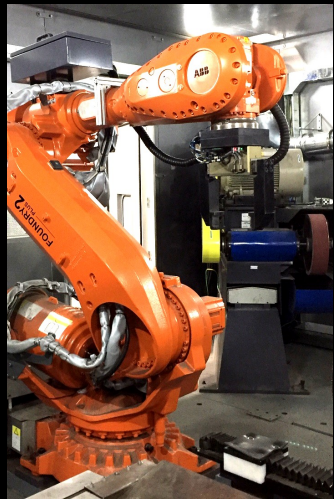
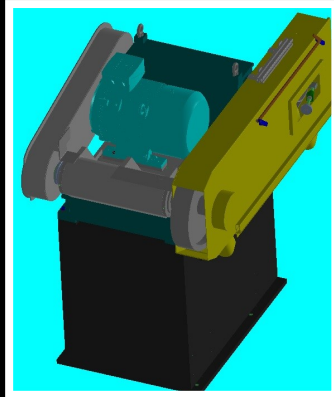




High HP Belt Grinding Heads

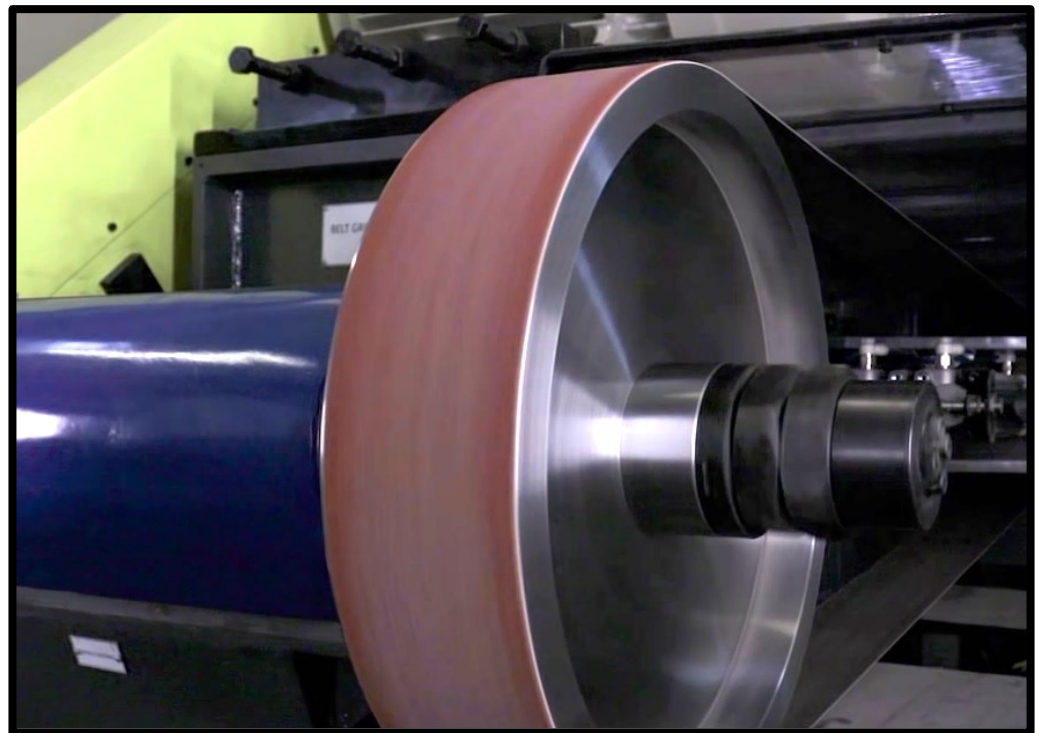
Model Family: BGH Series



The **BGH Series** of Belt heads are for heavy and rapid grinding with 30 or 40 HP AC motor, linear compliance slide, and pneumatic force control built with precision for automated or manual use. Optionally the head can be purchased without compliance slide. The belt head is on heavy duty steel base for easy installation.

Specifications:

- 30 or 40 HP AC Motor
- Belt speeds of up to 16,000 SFPM possible with 18" diameter contact wheel
- Standard abrasive belts up to 6" (152mm) wide and 132" (3352 mm) long
- Manual belt tracking
- Pneumatic Belt Tensioning system for easy belt swaps
- Optional Linear compliance slide with up to 1" travel (25mm) and pneumatic force up to 350 lbf (1557 N)
- Sensors for missing/broken belt
- Optional pre-wired and pre plumbed unit ready to integrate with many industrial IO protocols
- Integrated Dust Collection Scoops ready to be hooked up to existing dust collection systems.



Z3D SOLUTIONS

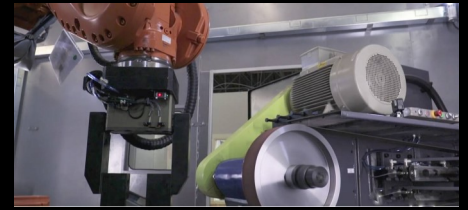
WEBSITE:
z3dsolutions.com

PHONE:
860-380-0198

SALES/INQUIRIES:
sales@z3dsolutions.com



BGH Series Belt Grinding Heads



System Options:

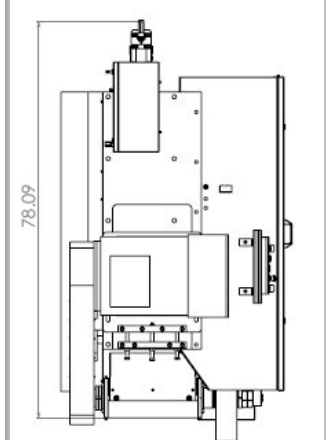
- 30HP or 40HP AC Motor
 - * Other HP options available upon request
- Linear compliance slide with 1" travel (25mm) and pneumatic force up to 350 lbf (1557 N)
- Optional fully plumbed and wired ready for use
 - * Available controls are: discrete I/O, Ethernet I/P, Profibus, Devicenet
- Belt Tracking Monitor
 - * Unit can be purchased with belt tracking sensors which provide indication of the belt is not properly tracked. These are provided to the external control system.
- Remote Motorized Belt Tracking
 - * Through belt tracking sensors and an on board motor the unit is capable of adjusting its own belt tracking so that the belt always falls within acceptable operating limits.

BGH Series Part Number:

BGH-WW-XX-YY-ZZ

WW	Motor HP	YY	Signal Wiring	ZZ	Belt Tracking
30	30 HP	NW	Not wired/plumbed	MT	Manual Tracking only
40	40 HP	DIO	Discrete IO	BTM	Belt Tracking Monitor for manual tracking
		EIP	Ethernet I/P	MBT	Motorized Belt Tracking
		PRF	Profibus		
		DEV	DeviceNET		

XX	Compliance
NC	No Compliance
PC	Pneumatic Compliance



Contact Wheel Part Number:

CWBGH-XX-YY-ZZ#

XX	Diameter in Inches (up to 18")	YY	Width in Inches (up to 6")
Example: 12	12 inch diameter	Example: 06	6 inch width

#	Rubber Durometer	ZZ	Wheel Coating
Example: 80	80 Durometer	NC	Not Coated (steel only contact wheel)
		RC	Rubber Coated
		SR	Serrated Rubber

